

IN THE CLAIMS:

1-30. (cancelled)

31. (currently amended) A system for transfer printing of an electrostatically charged toner image in an electrographic printing or copying device, comprising:

an intermediate carrier with an electrostatically charged toner image thereon which transfers the toner image onto a recording medium at a transfer printing region;

the recording medium lying on an electrostatically-chargeable conveyor belt and adhering thereto due to electrostatic forces and which transports the recording medium through said transfer printing region and along a guided transport section where it is conveyed to a fixing device;

said guided transport section being arranged in a transport unit and the fixing device being arranged in a fixing unit, said transport unit and fixing unit being used independent of one another and removable from the printing or copying device; and

said fixing unit having at least one wall designed as a hollow chamber profile which hinders a heat transfer from the fixing unit to the transport unit[[.]];

the recoding medium being conveyed to the fixing device and then along a free transport section in which the recoding medium can freely arch; and

a length of the free transport section being at least 1/3 of a shortest recording medium to be printed and being shorter than a length of the shortest recording medium to be printed.

32. (cancelled)

33. (currently amended) A system according to claim ~~32~~ 31 in which the hollow chamber profile has ~~openings~~ an opening through which air is drawn to cool the transport unit.

34. (currently amended) A system according to claim 33 wherein the ~~openings~~ opening in the hollow chamber profile are is arranged such that the air is taken up into the hollow chamber profile from an environment of the conveyor belt.

35-36. (cancelled)

37. (previously presented) A system according to claim 31 in which the conveyor belt comprises a plastic belt with a specific volume resistance of between 10^{11} and 10^{15} Ωcm .

38. (previously presented) A system according to claim 37 in which the conveyor belt is essentially comprised of polyvinylidenfluoride.

39. (canceled)

40. (previously presented) A system according to claim 31 in which a length of the guided transport section is at least 1/3 a length of a shortest recording medium to be printed.

41. (previously presented) A system according to claim 31 in which a length of the guided transport section is between 100 mm and 210 mm.

42. (cancelled)

43. (currently amended) A system according to claim ~~39~~ 31 in which a length of the free transport section is between 80 mm and 130 mm.

44. (previously presented) A system according to claim 31 in which a speed with which the recording medium is conveyed through the fixing device is between 97% and 100% of a speed with which the recording medium is transported in the guided transport section.

45-47. (cancelled)

48. (previously presented) A system according to claim 31 with a discharge device to discharge toner located on the recording medium.

49. (currently amended) A method for transfer printing of an electrostatically charged toner image from an intermediate carrier of an electrographic printing or copying device onto a recording medium and for fixing of the transfer-printed toner image onto the recording medium, comprising the steps of:

transporting the recording medium lying on an electrostatically-chargeable conveyor belt and adhering thereto due to electrostatic forces through a transfer printing region and subsequently along a guided transport section;

conveying the recording medium to a fixing device; ~~and, the recording medium being conveyed to the fixing device and then subsequently along a free transport section in which the recording medium can freely arch, a length of the free transport section being at least 1/3 of a shortest recording medium to be printed and being shorter than a length of the shortest recording medium to be printed; and~~

arranging the guided transport section in a transport unit and arranging the fixing device in a fixing unit used independent of one another in the printing or copying device and which are removable, the fixing unit having at least one wall designed as a hollow chamber profile and which hinders a heat transfer from the fixing unit to the transport unit.

50. (currently amended) A method according to claim 49 in which the hollow chamber profile has ~~openings~~ an opening through which air is drawn to cool the transport unit.

51. (currently amended) A method according to claim 50 in which the air which is taken up into the hollow chamber profile is from an environment of the conveyor belt.

52. (currently amended) A method according to claim 50 in which the air which is taken up into the hollow chamber profile is filtered with an ozone filter.

53. (previously presented) A method according to claim 49 in which the conveyor belt is essentially comprised of polyvinylidenfluoride.

54. (cancelled)

55. (previously presented) A method according to claim 49 in which a length of the guided transport section is at least 1/3 of a length of a shortest recording medium to be printed.

56. (previously presented) A method according to claim 49 in which a length of the guided transport section is between 100 mm and 210 mm.

57. (canceled)

58. (currently amended) A method according to claim ~~[[54]]~~ 49 in which a length of the free transport section is between 80 mm and 130 mm.

59. (previously presented) A method according to claim 49 in which a speed with which the recording medium is conveyed through the fixing device is between

97% and 100% of a speed with which the recording medium is transported in the guided transport section.

60. (previously presented) A method according to claim 49 in which toner located on the recording medium is discharged with aid of a discharge device.

61. (cancelled)

62. (new) A method for transfer printing of an electrostatically charged toner image from an intermediate carrier of an electrographic printing or copying device onto a recording medium and for fixing of the transfer-printed toner image onto the recording medium, comprising the steps of:

transporting the recording medium lying on an electrostatically chargeable conveyor belt and adhering thereto due to electrostatic forces through a transfer-printing region and subsequently along a guided transport section;

conveying the recording medium to a fixing device, the recording medium being conveyed to the fixing device and then subsequently along a free transport section in which the recording medium can freely arch, a length of the free transport section being between 80 mm and 130 mm; and

arranging the guided transport section in a transport unit and arranging the fixing device in a fixing unit, independent of one another in the printing or copying device, the fixing unit having at least one wall designed to hinder a heat transfer from the fixing unit to the transport unit.

63. (new) A system for transfer printing of an electrostatically charged toner image in an electrographic printing or copying device, comprising:

an intermediate carrier with an electrostatically charged toner image thereon which transfers the toner image onto a recording medium at a transfer printing region;

the recording medium lying on an electrostatically-chargeable conveyor belt and adhering thereto due to electrostatic forces and which transports the recording medium through said transfer printing region and along a guided transport section where it is conveyed to a fixing device;

said guided transport section being arranged in a transport unit and the fixing device being arranged in a fixing unit, said transport unit and fixing unit being used independent of one another and removable from the printing or copying device;

said fixing unit having at least one wall designed as a hollow chamber profile which hinders a heat transfer from the fixing unit to the transport unit;

the recording medium being conveyed to the fixing device and then along a free transport section in which the recording medium can freely arch; and

a length of the free transport section being between 80 mm and 130 mm.

64. (new) A system for transfer printing of an electrostatically charged toner image in an electrographic printing or copying device, comprising:

an intermediate carrier with an electrostatically charged toner image thereon which transfers the toner image onto a recording medium at a transfer printing region;

the recording medium lying on an electrostatically-chargeable conveyor belt and adhering thereto due to electrostatic forces and which transports the recording medium through said transfer printing region and along a guided transport section where it is conveyed to a fixing device;

said guided transport section being arranged in a transport unit and the fixing device being arranged in a fixing unit, said transport unit and fixing unit being used independent of one another and removable from the printing or copying device;

said fixing unit having at least one wall designed as a hollow chamber profile which hinders a heat transfer from the fixing unit to the transport unit; and

at an end of the guided transport section, the transport band being guided around a roller that has a specific volume resistance of 10^7 to $10^9 \Omega\text{cm}$.

65. (new) A system according to claim 64 in which the roller comprises silicon.

66. (new) A system according to claim 64 in which the roller comprises a drive roller.